

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/533,799
Source: Pg 10
Date Processed by STIC: 5/12/05

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PCT

RAW SEQUENCE LISTING

DATE: 05/12/2005

PATENT APPLICATION: US/10/533,799

TIME: 08:11:01

Input Set : A:\32.US2.ST25.txt

Output Set: N:\CRF4\05122005\J533799.raw

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3 <110> APPLICANT: Arena Pharmaceuticals, Inc.
4     Semple, Graeme
5     Skinner, Philip
6     Cherrier, Martin
7     Webb, Peter
8     Tamura, Susan
10 <120> TITLE OF INVENTION: BENZOTRIAZOLES AND METHODS OF PROPHYLAXIS OR TREATMENT OF
11     METABOLIC-RELATED DISORDERS THEREOF
13 <130> FILE REFERENCE: 32.US2.PCT
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/533,799
C--> 15 <141> CURRENT FILING DATE: 2005-05-04
15 <150> PRIOR APPLICATION NUMBER: 60/423,819
16 <151> PRIOR FILING DATE: 2002-11-05
18 <150> PRIOR APPLICATION NUMBER: PCT/US03/035427
19 <151> PRIOR FILING DATE: 2003-11-04
21 <160> NUMBER OF SEQ ID NOS: 4
23 <170> SOFTWARE: PatentIn version 3.2
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 1164
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapien
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41 cggctgggtg tcttcatggt tgccatgaac cgccagggca gcatcatctt cctcacgggtg      360
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49 agcatctgcc ataccttccg gtggcacgaa gctatgttcc tcttggagtt cctcctgccc      600
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73 <211> LENGTH: 387

74 <212> TYPE: PRT

75 <213> ORGANISM: Homo sapien

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87 Val Leu Gly Leu Glu Phe Ile Phe Gly Leu Leu Gly Asn Gly Leu Ala
88          35          40          45
91 Leu Trp Ile Phe Cys Phe His Leu Lys Ser Trp Lys Ser Ser Arg Ile
92          50          55          60
95 Phe Leu Phe Asn Leu Ala Val Ala Asp Phe Leu Leu Ile Ile Cys Leu
96 65          70          75          80
99 Pro Phe Val Met Asp Tyr Tyr Val Arg Arg Ser Asp Trp Asn Phe Gly
100          85          90          95
103 Asp Ile Pro Cys Arg Leu Val Leu Phe Met Phe Ala Met Asn Arg Gln
104          100          105          110
107 Gly Ser Ile Ile Phe Leu Thr Val Val Ala Val Asp Arg Tyr Phe Arg
108          115          120          125
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112          130          135          140
115 Ala Ile Ile Ser Cys Leu Leu Trp Gly Ile Thr Val Gly Leu Thr Val
116 145          150          155          160
119 His Leu Leu Lys Lys Lys Leu Leu Ile Gln Asn Gly Pro Ala Asn Val
120          165          170          175
123 Cys Ile Ser Phe Ser Ile Cys His Thr Phe Arg Trp His Glu Ala Met
124          180          185          190
127 Phe Leu Leu Glu Phe Leu Leu Pro Leu Gly Ile Ile Leu Phe Cys Ser
128          195          200          205
131 Ala Arg Ile Ile Trp Ser Leu Arg Gln Arg Gln Met Asp Arg His Ala
132          210          215          220
135 Lys Ile Lys Arg Ala Ile Thr Phe Ile Met Val Val Ala Ile Val Phe
136 225          230          235          240
139 Val Ile Cys Phe Leu Pro Ser Val Val Val Arg Ile Arg Ile Phe Trp
140          245          250          255
143 Leu Leu His Thr Ser Gly Thr Gln Asn Cys Glu Val Tyr Arg Ser Val
144          260          265          270
147 Asp Leu Ala Phe Phe Ile Thr Leu Ser Phe Thr Tyr Met Asn Ser Met
148          275          280          285
151 Leu Asp Pro Val Val Tyr Tyr Phe Ser Ser Pro Ser Phe Pro Asn Phe
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155 Phe Ser Thr Leu Ile Asn Arg Cys Leu Gln Arg Lys Met Thr Gly Glu
156 305          310          315          320
159 Pro Asp Asn Asn Arg Ser Thr Ser Val Glu Leu Thr Gly Asp Pro Asn
160          325          330          335
163 Lys Thr Arg Gly Ala Pro Glu Ala Leu Met Ala Asn Ser Gly Glu Pro
164          340          345          350
167 Trp Ser Pro Ser Tyr Leu Gly Pro Thr Ser Asn Asn His Ser Lys Lys

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175 Cys Ile Glu
176 385
179 <210> SEQ ID NO: 3
180 <211> LENGTH: 1092
181 <212> TYPE: DNA
182 <213> ORGANISM: Homo sapien
184 <400> SEQUENCE: 3
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189 gggcttcttg gcaatggcct tgccctgttg attttctgtt tccacctcaa gtcttgga    180
191 tccagccgga ttttctctgt caacctggca gtggctgact ttctactgat catctgcctg    240
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205 ctgggcatca tctgttctg ctcagccaga attatctgga gcctgcggca gagacaaatg     660
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209 gtcattctgt tcttccccag cgtggttgtg cggatccgca tcttctggct cctgcacact     780
211 tcgggcacgc agaattgtga agtgtaccgc tcggtggacc tggcgttctt tatcactctc     840
213 agcttcacct acatgaacag catgctggac ccggtggtgt actacttctc cagcccatcc     900
215 tttcccaact tcttctccac tttgatcaac cgctgcctcc agaggaagat gacaggtgag     960
217 ccagataata accgcagcac gagcgtcgag ctcacagggg accccaacaa aaccagaggc    1020
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225 <211> LENGTH: 363
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227 <213> ORGANISM: Homo sapien
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235 Asn Cys Cys Val Phe Arg Asp Asp Phe Ile Val Lys Val Leu Pro Pro
236          20          25          30
239 Val Leu Gly Leu Glu Phe Ile Phe Gly Leu Leu Gly Asn Gly Leu Ala
240          35          40          45
243 Leu Trp Ile Phe Cys Phe His Leu Lys Ser Trp Lys Ser Ser Arg Ile
244          50          55          60
247 Phe Leu Phe Asn Leu Ala Val Ala Asp Phe Leu Ile Ile Cys Leu
248 65          70          75          80
251 Pro Phe Leu Met Asp Asn Tyr Val Arg Arg Trp Asp Trp Lys Phe Gly
252          85          90          95
255 Asp Ile Pro Cys Arg Leu Met Leu Phe Met Leu Ala Met Asn Arg Gln
256          100         105         110
259 Gly Ser Ile Ile Phe Leu Thr Val Val Ala Val Asp Arg Tyr Phe Arg

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260	115	120	125
263	Val Val His Pro His His Ala Leu Asn Lys Ile Ser Asn Arg Thr Ala		
264	130	135	140
267	Ala Ile Ile Ser Cys Leu Leu Trp Gly Ile Thr Ile Gly Leu Thr Val		
268	145	150	155
271	His Leu Leu Lys Lys Lys Met Pro Ile Gln Asn Gly Gly Ala Asn Leu		
272	165	170	175
275	Cys Ser Ser Phe Ser Ile Cys His Thr Phe Gln Trp His Glu Ala Met		
276	180	185	190
279	Phe Leu Leu Glu Phe Phe Leu Pro Leu Gly Ile Ile Leu Phe Cys Ser		
280	195	200	205
283	Ala Arg Ile Ile Trp Ser Leu Arg Gln Arg Gln Met Asp Arg His Ala		
284	210	215	220
287	Lys Ile Lys Arg Ala Ile Thr Phe Ile Met Val Val Ala Ile Val Phe		
288	225	230	235
291	Val Ile Cys Phe Leu Pro Ser Val Val Val Arg Ile Arg Ile Phe Trp		
292	245	250	255
295	Leu Leu His Thr Ser Gly Thr Gln Asn Cys Glu Val Tyr Arg Ser Val		
296	260	265	270
299	Asp Leu Ala Phe Phe Ile Thr Leu Ser Phe Thr Tyr Met Asn Ser Met		
300	275	280	285
303	Leu Asp Pro Val Val Tyr Tyr Phe Ser Ser Pro Ser Phe Pro Asn Phe		
304	290	295	300
307	Phe Ser Thr Leu Ile Asn Arg Cys Leu Gln Arg Lys Met Thr Gly Glu		
308	305	310	315
311	Pro Asp Asn Asn Arg Ser Thr Ser Val Glu Leu Thr Gly Asp Pro Asn		
312	325	330	335
315	Lys Thr Arg Gly Ala Pro Glu Ala Leu Met Ala Asn Ser Gly Glu Pro		
316	340	345	350
319	Trp Ser Pro Ser Tyr Leu Gly Pro Thr Ser Pro		
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/533,799

DATE: 05/12/2005

TIME: 08:11:02

Input Set : A:\32.US2.ST25.txt

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L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date